
USER'S GUIDE FOR PBT TESTER 01

The device is suitable to test the electric continuity of the **body wires** (break or short circuit or contact error) and to test the **weapons**.

Body wire/cord checking:

Épée

Plug one 3 pin ends of the epee body wire into the **BLUE** sockets below the leds and the other end into the **2 BLACK and one metal sockets** below the red sockets.

If the red leds light up and remain lit with the same strength – while moving the wire – the body wire works properly. If one of the three wires broken the relevant led is not lightning.

Foil/Sabre

Plug the 3 pin ends of the body wire into the **BLUE** sockets. Insert the 2 pin ends into the metal and **YELLOW** sockets in the bottom line. Clip the crocodile clip on the **METAL** socket next to the **BLACK** sockets. If the red leds light up and remain lit with the same strength – while moving the wire – the body wire works properly.

If one of the three wires broken the led is not lightning. (Important: The leds do not light in order!)

Weapon control:

Epée:

Connect the weapon to the **RED** sockets. By pressing the epee point, the led in the right bottom corner must light up and remain **GREEN** with the same strength. If it lights up **GREEN** without pressing the épée point, then the weapon got **short-circuited**.

Shim/gauges test: connect the épée to the **RED** sockets. Place the gauges on the épée point and press the tip. If the leds do not light up, the weapon works properly with gauges.

Weight test: connect the épée to the **RED** sockets. Put the weight on the épée point and press it, then the led lights up **GREEN**. If the led lights off when the weight is lifted, the weapon works properly for weight.

Foil:

Connect the weapon to the **RED** sockets. The led in the right bottom corner must light up and remain **RED** with the same strength. The **RED** light must go out after pressing the foil point. If the led is still lighting **RED**, the foil got **short-circuited**.

Weight test: put the weight on the foil point and press it, then the led will go out. If the led lights **RED** when weight is lifted, the foil works properly for weight.

Sabre:

Connect the saber to the **RED** sockets. The led in the right bottom corner has to light up and remain **RED** with the same strength.

In all cases of weapon testing, the right color must light up or remain dark by shaking or taping the weapon.

Technical data :

Material of the box: ABS based plastic

Dimension : L: 110 mm W: 65 mm H: 35 mm - Weight : 0,15 kg.

Battery : 9V type